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5 May 1998

AGREEMENT

CONCERNING THE ADOPTION OF UNIFORM TECHNICAL PRESCRIPTIONS FOR WHEELED VEHICLES, EQUIPMENT AND PARTS WHICH CAN BE FITTED AND/OR BE USED ON WHEELED VEHICLES AND THE CONDITIONS FOR RECIPROCAL RECOGNITION OF APPROVALS GRANTED ON THE BASIS OF THESE PRESCRIPTIONS */

(Revision 2, including the amendments entered into force on 16 October 1995)

Addendum 44: Regulation No. 45

Revision 1 - Amendment 2

Supplement 3 to the 01 series of amendments - Date of entry into force: 3 January 1998

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF HEADLAMP CLEANERS, AND OF POWER-DRIVEN VEHICLES WITH REGARD TO HEADLAMP CLEANERS

UNITED NATIONS

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*/ Former title of the Agreement:

Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

Paragraph 5.5.1., footnote 3/, amend to read:

"3/ 1 for Germany, ... 8 for the Czech Republic, ... 15 (vacant) ..... 22 for the Russian Federation, 23 for Greece, 24 (vacant), 25 for Croatia, 26 for Slovenia, 27 for Slovakia, 28 for Belarus, 29 for Estonia, 30 (vacant), 31 for Bosnia and Herzegovina, 32-36 (vacant) and 37 for Turkey. Subsequent numbers ....."

Annex 4, paragraph 2.1., replace by the following text:

"2.1. Test mixture

2.1.1. For headlamp with the outside lens in glass:

A mixture of water and polluting agent to be applied to the headlamp shall be composed of:

9 parts by weight of silica sand with a particle size of 0-100 µm corresponding to distribution prescribed in paragraph 2.1.3,

1 part by weight of vegetable carbon dust (beechwood) with a particle size of 0-100 µm,

0.2 parts by weight of NaCMC 1/, and

an appropriate quantity of distilled water with a conductivity of ≤ 1 mS/m.

2.1.2. For headlamp with the outside lens in plastic material:

The mixture of water and polluting agent to be applied to the headlamp shall be composed of:

9 parts by weight of silica sand with a particle size of 0-100 µm corresponding to distribution prescribed in paragraph 2.1.3,

1 part by weight of vegetable carbon dust (beechwood) with a particle size of 0-100 µm,

0.2 parts by weight of NaCMC 1/,

5 parts by weight of sodium chloride (pure at 99%)

1/ NaCMC represents the sodium salt of carboxymethylcellulose, customarily referred to as CMC. The NaCMC used in the polluting agent mixture shall have a degree of subsitution (DS) of 0.6-0.7 and a viscosity of 200-300 cP for a 2 per cent solution at 20°C.

13 parts by weight of distilled water
with a conductivity of ≤ 1 mS/m, and

2 ± 1 parts by weight of surface-actant.

2.1.3. Particle-size distribution

Particle size (in μm)	Particle-size distribution in (%)
0 to 5	12 ± 2
5 to 10	12 ± 3
10 to 20	14 ± 3
20 to 40	23 ± 3
40 to 80	30 ± 3
80 to 100	9 ± 3

2.1.4. The mixture shall be fit for applying to the headlamp by the spray gun specified under 2.3 below. The mixture shall be used not earlier than two hours and not later than 24 hours after preparation. It shall be given into the gun immediately before use."